

Having thus described my invention, what is claimed is:

1) A siphon initiating device comprising:

- a) a cylinder member having a smooth internal bore elongated upon a straight axis between an open inlet extremity and an exit extremity containing means for engaging a garden hose,
- b) a first check valve disposed within said bore adjacent said exit extremity and adapted to enable water to flow from said bore unidirectionally out of said exit extremity,
- c) a hollow piston member having an open exit end and inlet end equipped with means for engaging a garden hose,
- d) sealing means disposed about said piston member in a manner to produce a substantially fluid-tight seal with said bore while permitting reciprocating sliding movement of said piston member within said bore, and
- e) a second check valve disposed within said piston member and adapted to enable water to flow unidirectionally through said hollow piston member, whereby
- f) said cylinder member and interactive piston member function as a pump which advances water through said device when said piston member is repeatedly manipulated back and forth within said cylinder member.

2) The device of claim 1 wherein said cylinder and piston members are fabricated of rigid plastic material.

3) The device of claim 2 wherein said plastic material is polyvinylchloride.

4) The device of claim 3 wherein said bore has a diameter between about 5/8" and one inch.

5) The device of claim 4 wherein the exit extremity of said cylinder member has an apertured panel.

5 6) The device of claim 5 wherein said means for engaging a garden hose is a threaded garden hose fitting.

7) The device of claim 1 wherein a bushing is attached to said cylinder member as an extension thereof, said attachment being achieved by a coupling collar adhered to both said bushing and cylinder member.

10 8) The device of claim 1 wherein said valves are of flapper construction, having a center member pivotably held by a surrounding flat seat member.

9) The device of claim 1 wherein a bushing is attached to said piston member as an extension thereof, said attachment being achieved by a coupling collar adhered to both said bushing and piston member.

15 10) In a siphon system for transporting water by gravity flow from a source volume of water bounded by a circuitous confining wall having an upper perimeter to a receiving location at a lower elevation than said source volume, said system employing a water-filled conduit having a first extremity immersed below the surface of said source volume, an apogee located above said upper perimeter, and a downstream second extremity located at an elevation generally below said first extremity, thereby defining upstream and downstream conduit portions divided about said apogee, the improvement comprising

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disposing a siphon initiating device of claim 1 within said downstream conduit portion.